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TITLE: WATER-BASED INK FOR BALL-POINT PEN  
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INVENTOR-INFORMATION:

NAME

HAMAMOTO, HIDETOSHI

ASSIGNEE-INFORMATION:

NAME

PENTEL KK

COUNTRY

N/A

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ABSTRACT:

PURPOSE: A water-based ink for ball-point pen with excellent lubricity and giving a feeling of smoothness in writing, prepd. by additionally compounding a humic acid salt with a conventional ball-point ink compsn.

CONSTITUTION: About 1&sim;15wt% water-soluble dye, about 10&sim;40wt% water-soluble org. solvent, about 50&sim;80wt% water, a primary solvent and about 0.01&sim;3wt% humic acid salt, each based on the total wt. of the ink, are mixed and dissolved, if necessary, by heating to obtain a water-based ink for a ball- point pen. A sodium, potassium, ammonium or the ink salt may be used as the humic acid salt.

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